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Supplement of

Summertime precipitation extremes in a EURO-CORDEX 0.11° ensemble at an hourly resolution

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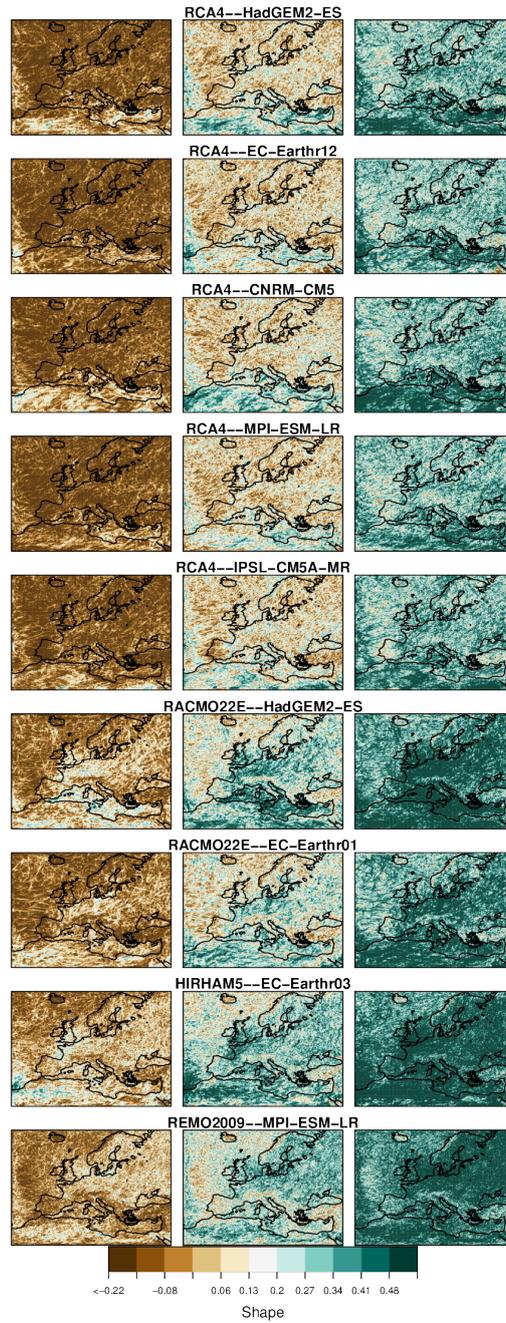


Figure 1. Shape parameter (middle column) for each model for the historical period 1971-2000 at **1 h** duration. The 95% confidence interval values are shown for the (left) low estimate and (right) high estimate.

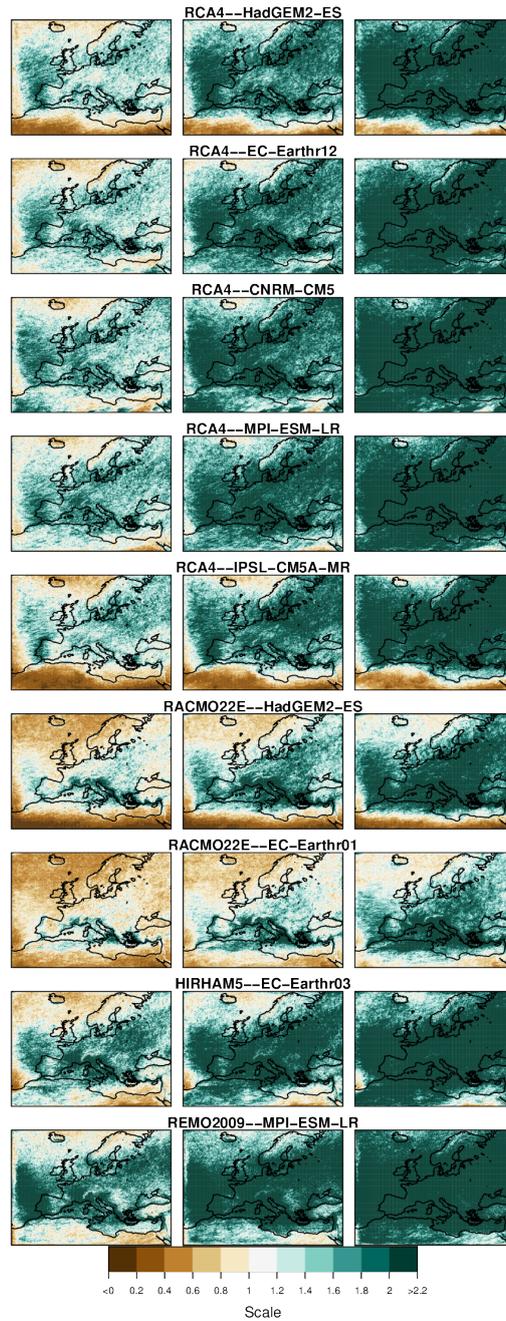


Figure 2. Scale parameter (middle column) for each model for the historical period 1971-2000 at **1 h** duration. The 95% confidence interval values are shown for the (left) low estimate and (right) high estimate.

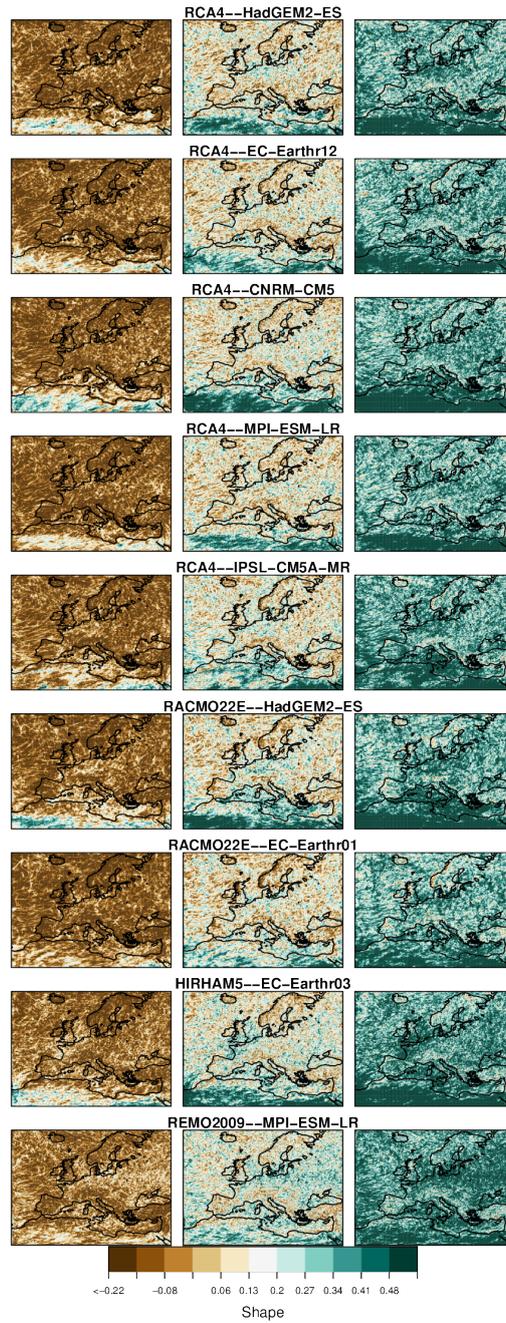


Figure 3. Shape parameter (middle column) for each model for the historical period 1971-2000 at **12 h duration**. The 95% confidence interval values are shown for the (left) low estimate and (right) high estimate.

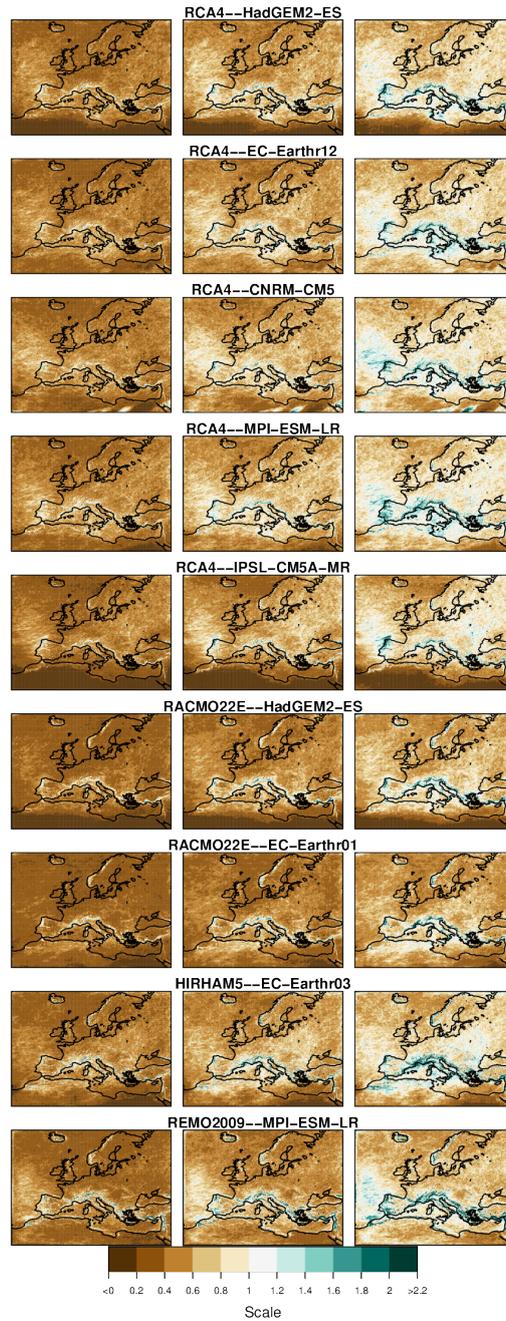


Figure 4. Scale parameter (middle column) for each model for the historical period 1971-2000 at **12 h duration**. The 95% confidence interval values are shown for the (left) low estimate and (right) high estimate.

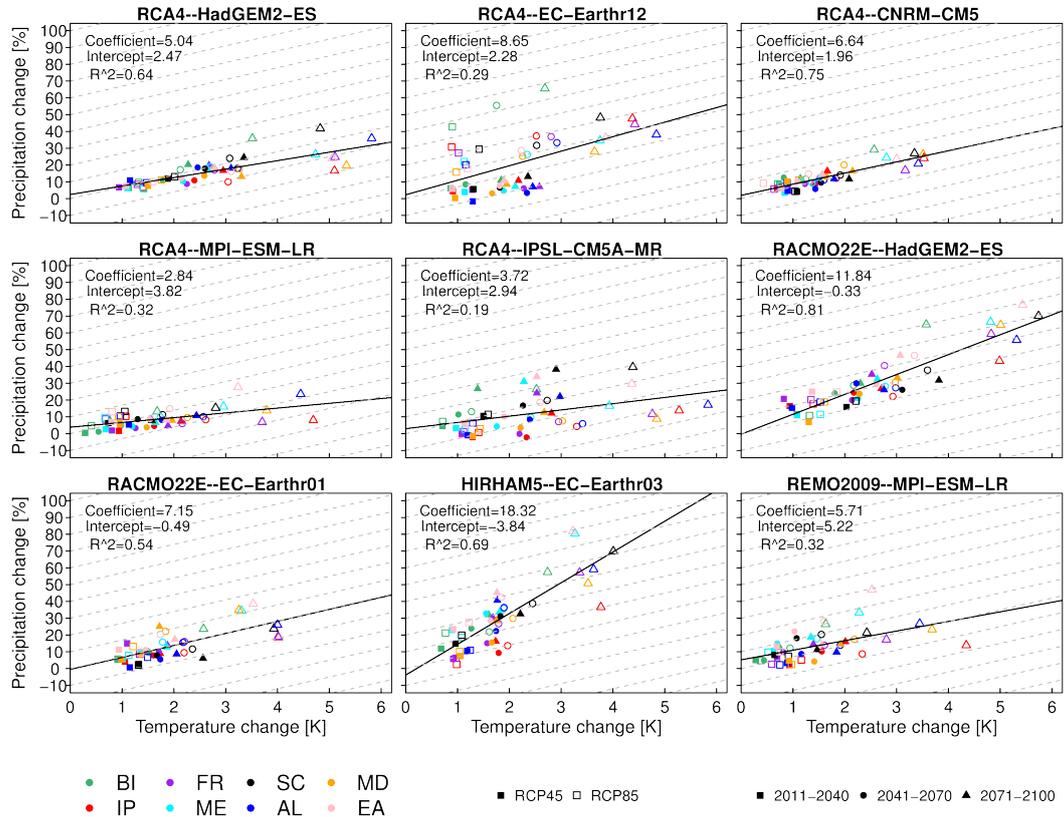


Figure 5. Scatterplot of the relative change in 10-year 1 h depths against summertime mean temperature change between future and historical time periods, for different sub-regions, emission scenarios, and time periods according to the legend. Each panel show the result for different RCM-GCM combinations. Linear fits to all data are presented in each panel, along with slope and intercept coefficients as well as the R-square value of the fit. CC-rate changes of 7%/K are shown as gray lines in the plots.